

ABSTRACT

A connector assembly for providing electrical continuity between an array of contacts on an electrical component and a corresponding array of contacts on a printed circuit board. The connector assembly includes a plurality of floating pins. Floatation of the pin within a receptacle
5 of the component body provides a first mode of compliance for electrical components, connector assemblies and printed circuit boards that are not coplanar. For a second mode of compliance to account for non-planarity, each pin includes an elongated, elastically deformable cantilever beam. Each pin is adapted and configured to accommodate the deformed cantilever beam of an adjacent pin without mechanical or electrical contact or interference.